Kasima Garst: Good afternoon, everyone. My name is Kasima Garst. I'm a systems policy analyst in the NIH Office of Policy For Extramural Research Administration, or commonly known as OPERA. My colleague, Laurie Roman is also joining me. She is from ERA, she is the product owner for e-submission and NIH ASSIST. So let's dive right on in. Pun intended. So upon completion of this session, participants will be able to identify the changes to the application forms that will be included in our transition to FORMS-G forms versions. Select the correct forms package for their due date based on their planned submission. Request child care costs or technical assistance costs when appropriate based on the activity code for their funding opportunity. Select the correct template for the biosketch and other support format pages, and successfully submit their application with active eRA commons ID entered for all individuals listed on the Senior/Key Person Profile Expanded form. So moving right on in, as you all are hopefully aware, especially if you joined us from the Current Issues at NIH grants policy update, FORMS-G is effective for application due dates on or after January 25th, 2022. We provide it here on the slide, and it is also linked within the two Guide notices mentioned here. A high level summary of the forms changes in our FORMS-G application packages for a full list of changes, and we also just wanted to let everybody know as announced in the second Guide notice listed there, 22-018, that the updated FORMS-G application guide is already posted to our OER Grants and Funding web page. Our How to Apply web page, specifically, and in that application guide, it lists the summary of significant changes, not only to the forms, but also to our application instructions. So the first real change that we wanted to highlight to you all and really dig in on is really the primary driver for this forms transition. Back in March of 2019, the General Services Administration or GSA announced that the US government will be moving to a new government-owned unique entity identifier, also known as the UEI or the UEI, which will replace the Dun and Bradstreet Data Universal Numbering System Number, or the DUNS number, in all federal system who are doing business with the federal government and uniquely identifying organizations. The mandate for this transition is that it must be completed by April of 2022, when the federal government will stop using DUNS to uniquely identify entities registered in the System for Award Management, or SAM. So what about NIH implementation of the UEI? And also fun fact, that this implementation is going to apply to many of our eRA partner agencies as well who have also signed onto our previous Guide notice, 21-170. But right now, we're going to focus really at the NIH perspective, this is the NIH virtual seminar, after all. So for applications due on or after January 25th, 2022, applicants must have a UEI at the time of application submission. The UEI will replace the DUNS on all of our FORMS-G application forms and packages. All entities that are currently registered in SAM have automatically been issued their UEI already, and no further action is needed for the organizations in order to obtain that UEI, so good news if you're already registered in SAM. And if you are not currently registered in SAM, but you are starting that registration process, you will still have to obtain a DUNS prior to April 2022 in order to start your registration and complete it in SAM.gov. But the good news there is that you'll automatically be issued your UEI as part of the registration process. So again, it's going to be very seamless from that perspective. Also, beginning in October, SAM.gov updated their instructions for entities that are doing not a full registration in SAM, but still need

to obtain a UEI. This would be organizations maybe that are subprojects or subcontracts on some of the grant applications who need that UEI for completing the budget forms and filling those forms out, but they're not the actual applicant organization, and don't necessarily require the full SAM.gov registration. Also, beginning in October, eRA began pulling in the UEI data for the organizations directly into the eRA Commons for all the entities that are registered in SAM.gov. No further action is required by entities in order to have that information get pulled in, and you'll begin to see the UEI in your eRA Commons Institutional Profile Files, beginning in early 2022, starting first with the eRA Commons registration form, and then you'll actually start to see it in your profiles as well. eRA is also beginning to, as I said, pull that data into eRA systems, so you'll also start to see it populating on the page one of your notice of award. And we are transmitting that data down to TAGS and USA Spending. So this is great news. If you already have your UEI, we're getting that information and this is great. So Laurie, can you tell us a little bit about the actual changes to the forms to accommodate the UEI?

Laurie Roman: Sure can, Kasima. I've got my goggles on, I'm all ready to take a plunge. I will take them off because I can't see through them, and so what I'm showing here is actually a Grnats.gov form. Threw my goggles on the floor. And what's shown here is, as I had mentioned, the grants.gov form, the yellow forms are required and you can see if you're familiar with this that there's no DUNS number. In fact, you can see the UEI under box four, and that's where that 12 digit number which is alphanumeric. The other thing I wanted to highlight on this slide, getting a little bit less advertisement than our other changes is that we've also increased the fields for Division and Department. They were 30, and we're increasing them to 100, and the reason that we're doing that is that we were getting all kinds of craziness for when I was in academics I was in the department of cellular and molecular physiology, which some people abbreviated CMP, others cell-mol-phys, and so really for reporting purposing we wanted to increase the field to get better data so that we could use that for better reporting. Next slide. Since NIH has its own system-to-system which is ASSIST, I want to show you what that looks like in ASSIST. In this case you can see the UEI as well as the Department Name on, no Division pointed to in the blue arrows. One of the nice features in using ASSIST is that we can leverage information available from the eRA Commons. So we know what the organization is, we know who the PI is, and we can pull that information in and this is the particular case here, we didn't need to enter the UEI number since it was on the institutional profile we were able to pull that in. So two other things, as mentioned, just to highlight what Kasima said is we are pulling information from SAM on a nightly basis, so we already have some UEI information available in our systems. And to those of you in the office, in sponsored research offices who are familiar with our web services, we have already transitioned those. These are the SAD services, that if you give us a UEI or a DUNS we can return again a UEI or a DUNS. So we've worked all of those services to now include UEI information. Next slide, please. So here's the laundry list of all of the Grants.gov forms in which there's been a change of a DUNS to a UEI. And so we have made those changes on our system for submission processing and we have made those changes in ASSIST, under the FORMS-G. We are again, merrily on our way of posting FORMS-G packets as

we speak. We also will be replacing the DUNS with UEI on our post submission forms, such as the RPPR and the details of that will be forthcoming. Next slide, please. So Kasima, I'm going to turn it back over to you since there's a lot of policy related issues associated with the senior/key form.

Kasima Garst: Great. Thank you, Laurie. So before we dive fully into the Commons ID, because I can already see some questions coming in through the Q and A window for that, the other big driver of a federal-wide change that is going to be part of our FORMS-G transition is the adoption of the updated country and state code list from Grants.gov. This is a list that is based on the US government Geopolitical Entities, Names and Codes standards, our GENC standard. So all the forms that include a state, country, province, any of those types of lists have been updated to accommodate those changes. So here we have the Senior/Key Person Profile form, but that also applies to the Project and Performance Site Location form and the Human Subjects Clinical Trial Information form as well. You won't see that necessarily visibly on the form outwardly, but those have been incorporated in the forms, and you'll also see that updates throughout eRA systems such as in the eRA Commons and the profiles as well. So Commons ID for senior/key. So the Guide notice here linked on the slide discusses the expansion of the requirement for all individuals listed on the Senior/Key Person Profile form to have a Commons ID. And this would be entered into the Credential field here on the form, as you can see denoted by the arrow. This requirement really was driven by the need to help facilitate our responsibilities towards managing conflicts of interest as a part of the peer review process, and really helping to disambiguate users that are listed in applications in order to evaluate potential conflicts of interest, and really maintaining the integrity of our peer review process. So that's really the driver of that policy change. So what that really translates to from an applicant perspective is that any of the senior and key personnel that are provided on this form, and this includes senior key persons as defined in the Grants Policy Statement as well as other significant contributors and other key individuals that are required to be entered on this form by your funding opportunity announcement, they're going to need to have a valid Commons ID in order to apply. I have certainly seen some questions in the chat about how to get those Commons IDs for individuals that may not be affiliated with the applicant organization or another organization that may be not registered in eRA Commons. We've certainly seen this question related to community partners and sort of non-traditional community partners, non-profits and things like that. We have a great FAQ on our Grants and Funding web page, and I'll provide the link to that as well, that walks through some of the different options for getting those individuals registered. I think the main take away for applicant organizations is that that applicant really is required to ensuring that this requirement is met, and there are options for getting that individual a Commons ID and not necessarily affiliating them with their organization or providing them with privileges for project personnel that may not be appropriate to say, other PI and other senior kind of roles. But there are options for you moving forward. The key thing to note is that our instructions will require that the personnel have a valid Commons ID entered into the Credential field, but at this time, our

system will be validating that as a warning as we know that there are folks that are still getting up to speed and getting those Commons IDs established and making sure that everything is in place. But it really is a requirement, as I said, in order to help us with our efforts in order to help ensure conflict of interest is managed as a part of our peer review process. But at this time the validation is going to remain a warning. We do anticipate escalating that to an error in the future and we will be communicating those changes in advance of any implementation.

Laurie Roman: Hey, Kasima, I have a little bit of a clarification there. We currently do validate on specific roles that must have a Commons account at the time of submission. They're small, they're the PD/PI course, anyone that has that role. And then if you have a multi- project application component leads must have a Commons ID, as do mentor and sponsors for some of the Ks and Fs. And then candidates for diversity supplements are also required to have a Commons ID. And those are errors, so if they don't provide them they're going to get an error. But for everyone else, Kasima has captured it for everyone else it's a warning. And just as an FYI, the compliance is surprisingly high for most of our programs. For the Ts and the Rs it's close to like 99, 98 percent. Small business are a little bit lacking.

Kasima Garst: That's a great point, Laurie, and to further clarify that, the existing requirements for Commons IDs for other specific roles, postdocs, things like that, particularly at the RPPR and other things. Any existing requirements remain unchanged, this was really an expansion to other key personnel that are provided at the time of application for the purposes of maintaining our conflict of interest policy as a part of the peer review process. I know we've also received some questions in our NIH update session about whether or not this requirement applies to RPPR and progress report submission. Again, anyone who was already required to provide a Commons ID as a part of the RPPR does still need to have that, but the expansion to all personnel on the RPPR has not occurred yet. We do anticipate that change possibly in the future, and again, would be issuing any guide notice with final implementation details well in advance of an implementation deadline. This next slide just outlines or shows the Credential field within ASSIST. And what's really great, and I think Laurie mentioned this as well is that the utilization of ASSIST helps leverage the existing data that is already within eRA systems, and it gives the applicants the ability to pre-populate data directly from their profiles, and saving you a little bit of that administrative burden. So the next update and I won't go into a ton of individual detail that you may have captured within the grants policy update or in the earlier session from yesterday about the commitment transparency, but of course another major change as a part of FORMS-G is the adoption and the requirement of the updated NIH biosketch and other supplement format forms. The Guide notices here outline all of the details related to those changes, and as Michelle Bulls, the director of OPERA has certainly mentioned, that this is really driven over the need to ensure the integrity of not only the commitment and the funding that NIH puts out, but also to really help make sure that we're protecting the entire research enterprise, being responsible stewards of taxpayer funds, and really making sure that we're making informed and secure funding decisions as a part of this process. Here on the slide, also include links to where you can find the updated format pages, the instructions, FAQs, we

really worked hard to make sure that we provide as many resources as possible for our applicants and recipients who need to provide this information. But at the end of the day, if you have any other inquiries directly related to the updated NIH biosketch and other support format pages, you can send them to a special inbox that has been set up, NIHOSBiosketch@NIH.gov. The great thing here is that we're also working very closely with SciENcv to ensure that we have the updated formats available within SciENcv. But at this time that's not required to be used, but the new formats are required as of January 25th, 2022, and we certainly encourage folks to go ahead and use it to transition from the old format to the new in advance of that date. We highly encourage it just because we know that folks have a lot of information on their other support and biosketches that need to be accommodated as well. So this first slide here outlines the new biosketch formats for the fellowship and the non-fellowship. Really the primary changes here were the inclusion of all appointments and honors, as well as the removal of the other research support item D from the non-fellowship biosketch. The real driver for this was to help minimize some of the administrative burden on our applicants, due to the fact that the majority of that information was being included as part of the other support, which is provided at Just-in-Time. So rather than duplicating that effort, applicants are able to provide it as a part of their other support submission. And this is the updated other support format page. One thing I was not able to fit onto the slide in our format is the requirement for a digital signature, that is at the bottom. Really the drivers behind the signature were due to the fact that the federal security concerns and making sure that we really are getting both the proper certification from the individual who is providing the other support, and who's other support is being provided, that they're certifying that the information is there and accurate. As I know Michelle Bull's and other federal presentations have denoted, we run into scenarios where folks are saying I didn't provide that information, or it was doctored, or other things of that nature. So to help ensure that the information is truly coming from the investigator and that it's up to date, we are requiring that digital signature. And I know more information on that was denoted in the commitment transparency session, so I'd encourage you to check out that presentation and that recording when it becomes available. All right, so transitioning now, Laurie, can you tell us a little bit about the forms changes regarding child care costs?

Laurie Roman: I sure can. We spent a lot of time on this over the last couple of years, so those of you who are sort of used to the grant system or have been around for a while, at least a couple of years, maybe not even that long, time has flown with COVID. We sort of did a quick roll out of this on FORMS-F where we repurposed an underused section of the PHS supplemental form to capture child care costs. And so we've effectively formalized that with our transition to FORMS-G. So we've added a new question, number 27 here, shown in the screen capture, and you are required to answer, you as if you are a PHS fellow putting in for an NRSA award. You are required to answer the question whether you're asking or requesting funds or not, and then you are allowed to request up to $2,500 per year. Most are going to be for 2 years, but different programs and different situations arise, and this is for children under

the age of 13, or 18 if they have disabilities. And this is for a licensed child care costs, and so again, you must keep .. . We don't want to see all that documentation, but you must keep it should we ask for it at some future date. And the policy citation, the notice is presented on the slide. Next slide.

Kasima Garst: Actually, before we transition, Laurie, I also just want to again reiterate that this is specifically for PHS fellows. NRSA fellows really to request these costs, as you all may be aware, NIH did recently issue a Guide notice about the availability of these costs for trainees on our NRSA training awards. And those requests are not actually going to be active requests from applicants and recipients as a part of the forms, so this is not applicable to those. In those cases, the awards will be proactively issued, child care costs funds, based off the number of full time, pre and post doctoral training slots that are awarded as a part of competing and non-competing awards. So this again, is just for the fellowship awards, and then there's a separate process for training grants, but there's no action that the recipient or applicant organization needs to take for those.

Laurie Roman: Thanks, Kasima, and just to add to that, is this form basically applies to new applications or resubmissions, but also for administrative supplements. So there are a couple of different ways you can petition or request these funds. And then the other point or another sort of change that we've made is to the SBIR STTR form, so the small business forms for those of you who are sort of new to the system. And if an SBIR STTR small business applicant is requesting Technical and Business Assistance, which is abbreviated TABA, from their provider, they can request TABA costs on the budget form and on this form they must indicate yes, and then enter the dollar amount for that assistance in one of the other .. . And you're going to see this in a minute, other lines in section F of the detailed budget. And then in the budget justification of course you want to explain what you're asking for and why. With that note, back to you.

Kasima Garst: All right, thank you, Laurie. So the next change really started out of the need for the ability for applicants to be able to indicate other direct costs. So Laurie rightfully pointed out that there are certain costs like technical assistance that we have to request that applicants indicate and call out specifically on detailed budget forms. As you all may be aware, the current SF424 R&R detailed budget forms only had three other direct cost lines. As a part of FORMS-G, we have now increased the number of optional lines up to 10, so as you can see here, denoted from lines eight to 17, this will provide the ability for applicants if they need to call out multiple types of other direct costs that have been required based off of applications. Some example of that has been technical assistance costs, human fetal tissue costs, inpatient, outpatient costs, tuition remission, and that type of thing. The important thing to note here is that these fields are optional in terms of there's no expectation that you fill them all out, but it also provides the additional benefit for you if you would like to clearly identify different costs as separate line items. But you're certainly not required to do that unless denoted in the funding opportunity

announcement or the application guide that you need to list those things specifically. So Laurie, can you tell us a little bit about change in ASSIST to accommodate this?

Laurie Roman: Well, we exactly made the change in ASSIST to accommodate this. And so again, it just reflects the addition of these seven different fields. We've also made changes to how this will appear in the grant image. And again, very mindful of trying not to give you, or not give you, I should say, ugly white space. So again, you can easily enter this information on the detailed budget, both the 5 and the 10 years in ASSIST.

Kasima Garst: Great, and I'm super excited to hear a lot of the .. . Or see the positive feedback in the chat, so I'm glad that this is going to be a real help for everybody. As Laurie mentioned, this certainly took up a little bit more space on the forms, but we do think that this is going to be a real benefit for everybody, and this does apply to all of the detailed budget forms. And then you'll also see this within the RPPR budgets as well.

Laurie Roman: Right, I think, just again, we ended up sopping them up in our various approaches to identify applications that were requesting special funds. So for example, we did child care costs initially. Sorry, not child care costs, we did human fetal tissue, we've done a bunch of different things, so taking up some real estate here. So hopefully we make your life a little bit easier by giving it back to you.

Kasima Garst: Okay, so this next change is .. . Actually it's a very minor change, but we did at least want to call it out. On the Human Subjects Clinical Trial Information form, we made a label change on the study record item 3.2. So this is specifically the attachment for the single IRB plan. Previously the field was labeled as if yes, describe the single IRB plan. As announced as a part of the FORMS-F transition last year, NIH is no longer requiring the single IRB plan to be provided as a part of application submission. However, rather than removing the attachment, we just updated the field label to single IRB plan attachment, because there are some partner agencies who also use the field, AHRQ specifically comes to mind, where they are still requiring the single IRB plan attachment as a part of application submission. So we wanted to be able to accommodate those needs. But for NIH, the takeaway is that you do not need to provide the single IRB plan as a part of application submission, and we hope that this label change will help alleviate any confusion that the former label may have caused.

Laurie Roman: But I also hope that you all appreciate that we've given you Christmas a little bit earlier, or holidays a little earlier. That's the only change we made on this form. We have lambasted you all in the past when we first rolled out the HSCT and then subsequently we made some other changes. And so we've sort of fine tuned the implementation, and so happy to say this is the only change this time. Just, this time.

Kasima Garst: Great. And then this is just showing the change in ASSIST. Again, a very simple label change. So with this last slide, really we just wanted to sort of highlight and remind everyone that you really need to pay close attention to choosing the correct forms. For a transition period, certainly forms FORMS-F and FORMS-G application packages will be active

simultaneously, and it's really the responsibility of the applicants to choose the appropriate application package for their intended due date when they're presented with both forms packages on the same FOA. The resource here that I have linked, do I have the right form version for my application, really helps walk you through how to identify if you have the correct forms version. And also this table outlines how to know which one really applies for your due date. We have already started posting the FORMS-G application forms packages to all of our active FOAs. As you can imagine, because we at any given time have over 1,000 active funding opportunity announcements, this is a lengthy and can potentially be a very difficult process. So it's a phased implementation. So we started at the end of October, and we will finish that up by the end of this calendar year. So just keep in mind that not every funding opportunity announcement may have that FORMS-G package available right now. What's great news is that if you need to start your applications on a FORMS-F package, ASSIST, Grants.gov Workspace, and pretty much every system-to-system provider should have great copy functionality to help you transfer over to the new packages if needed. What's really great about the FORMS-G transition is that overall there really weren't a whole lot of substantive forms changes to the forms themselves, so copy functionality should be a little bit easier. But that's going to happen. The other thing that we wanted to just let everybody know is because we have so many active FOAs and FORMS-F packages that are on the street as we say, we worked with Grants.gov to do a bulk update to all of the FORMS-F packages rather than going one-by-one. And as a result of that we are closing all FORMS-F packages effective January 24th, 2022. And we've updated the Competition Title to help explain that. Now what that means though of course is that it's possible that that January 24th, 2022 date does not necessarily align with the end of a particular FOA. So for example, if your FOA happens to close prior to January 24th, it may be a little bit confusing to see that on the forms package, but at the end of the day, your responsible for referring to the funding opportunity announcement to confirm the due date for that opportunity. We have to do the bulk update because there really isn't a good way to go through and update all of those FOA packages otherwise, because as I said, there's well over 1,000 of them. But the key takeaway is refer to the key date section within your funding opportunity announcement, and if you have any questions about that you can certainly reach out to the IC and agency contacts listed within the funding opportunity announcement, including our Grants Information Help Desk. So with that, we wanted to provide a couple of resources for you within the slides. I don't want to take up too much time on that so we can get to some of your questions, but in particular, we wanted to make sure that you had our different help desks and resources. And where you can direct any further questions that you may have. So I'm going to turn it back over to Betsy, and she can start peppering us with some questions.

Laura Roman: Wait, before I start the crackling fire here, I hope you all see my little rubber ducky here, which is basically water wings. And please, don't feel that you're out there struggling alone. I just want to put in a plug for the eRA Service Desk. We have agents who address .. . Basically pick up the phone live. They are all up on FORMS-G, they can help you copy. If you are looking at something and you have some questions about what form set you should

use for a particular date, don't struggle. Pick up the phone or put in a ticket and reach out to them, because they're fabulous. I'll take my ducky away.

Betsy Snell: Great. Thank you, Laurie and Kasima, and I appreciate this information. It's been very extensive, and this knowledge sharing is fantastic. I'm going to go through with a couple of questions that came in earlier, so it has a little bit more to do with the forms and adding information. So if an institution has a current SAM.gov registration, will their UEI be available now, or is it not until early January that they'll be able to find that information?

Kasima Garst: Great question. So any organizations that are currently registered in SAM.gov have already been issued their UEI, and you should be able to see that on your entities registration, and any new entities registering in SAM.gov will obtain their UEI as part of that registration process.

Laurie Roman: And we did something, in ASSIST, there's a couple of places. Mostly during the initiation process. This is also true in Commons, where we allow folks to check the status of their SAM registration. Since we do verify that the status of SAM, we do again, a poll, a poll of the data. So we will also return the UEI in that pop up.

Betsy Snell: Great, thank you very much. So going to other significant contributors, those that are at foreign institutions that don't submit NIH applications, do they need commons IDs?

Kasima Garst: I'm sorry, can you read that one more time for me, Betsy?

Betsy Snell: Sure. So I have what about other significant contributors? So collaborators that are proving biosketch and letter of support only who are at foreign institutions that don't submit NIH applications. So talking about Commons IDs. Do they need a Commons ID as well?

Kasima Garst: Yes, so the requirement applies to all personnel that are listed on the Senior/Key Person form, and this includes other significant contributors. And again, as I mentioned, the real driver behind that is the fact that other significant contributors are also subject to the Conflict of Interest policy, and the real driver behind this, this policy change, is to help us disambiguate personnel that are provided on applications and be able to check for adherence with the Conflict of Interest policy as part of our peer-review process.

Betsy Snell: Great. Thank you very much, and I believe that does answer some of the questions regarding other significant contributors. Speaking on the signature for the forms, can the digital signature be a image of a wet signature, or how does the signature have to be submitted?

Kasima Garst: Great question, so my understanding, and I believe, again, this is in the Commitment Transparency presentation as well. The expectation is a digital signature, not a scanned image of a wet signature, or as it is commonly referred to, but I will confer with my Division of Grants Policy colleagues to make sure that if we do not currently have an FAQ that addresses that point that we'll get one posted up there for everybody as well. So check out those FAQs, and keep looking back for updates based off feedback from the presentation.

Laurie Roman: Yeah, sorry, Kasima. I think one of the important things is that you do have ink on paper, so to speak, on that form and that you have it on record so that should there be some concerns or questions later, that information can be resuscitated and provided as needed.

Betsy Snell: Great. Thank you very much. And kind of going into IRBs and a lot of appreciation for the extra line for the single IRBs, but if there's an international collaboration team, do they have to have two IRBs, one from each country?

Kasima Garst: I would have to look at that a little bit more closely, and I would encourage you to check out the NIH Grants Policy Statement on the IRB pieces, and if you have any further questions, I know that there are a couple of FAQs, but if you want to go to the Ask a Grants Policy Officer Booth in the exhibit hall, or I believe also our Division of Human Subjects Research in OER also has a booth. They'll be able to address that question directly.

Betsy Snell: Thank you. And in regards to the signature FAQs, are those available for individuals who are for institutions who would like to go in and find out more information on that?

Kasima Garst: I'm sorry. I was having trouble hearing you. I think it's my headset.

Betsy Snell: For FAQs, on the requirements for the electronic signature, are those available at this time?

Kasima Garst: I would have to double-check on that if they're currently posted FAQs on the signature piece, but I know if they're not currently, based off the feedback of this seminar, they'll make sure that those get posted. So I will follow up with my DGP colleagues on that.

Betsy Snell: Great. Thank you very much. And I do thank you, Laurie and Kasima, for this informative session. I appreciate the interpreter's time also. For the individuals who have participated, if you do have additional questions, please visit our exhibit hall booths for chat and one-to-one opportunities, or you can also find contact information in the help section of our grants.nih.gov site. Your feedback is very important, and please take a moment to let us know what you thought by clicking on the Session Feedback button located with the description in the presenters on the auditorium's list of sessions. When you are completely done with this seminar, also please complete the overall survey form in the navigation bar at the top of the page. Thank you, again, Laurie and Kasima. This is, again, very informative, and I hope that you have a great day. That's all from me. Thank you.

Laurie Roman: Thank you, everyone.

Kasima Garst: Good-bye.